

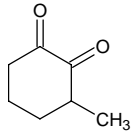
3-methyl-1,2-cyclohexanedione

3-メチル-1,2-シクロヘキサンジオン

Formula C₇H₁₀O₂

Mol. Wt. 126.15

CAS No. 3008-43-3



SEQ No. 1826 ケトン類

FEMA No. 3305

JECFA No. 425

	JFFMA	JECFA	FCC
Chemical name	3-methyl-1,2-cyclohexanedione	1-methyl-2,3-cyclohexadione	
Content (NLT)	96.0 % (GC)	98.0 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeealing point	MP: 57 to 63°C	MP: 57 to 63°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,6 MS : NMR :	IR	

*References

- 1: Joint FAO/WHO Expert Committee on Food Additive (JECFA)
- 2: Food Chemicals Codex (FCC)
- 3: 有機化合物のスペクトルデータベース SDBS(独立行政法人産業技術総合研究所)
- 4: Wiley's Registry of Mass spectral Database
- 5: NIST/EPA/NIH Mass Spectral Library
- 6: Sigma-Aldrich